

EG&G ROCKY FLATS

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MEETING MINUTES FOR OU 2 - TCG-160-93

If you have any questions or require additional information, please call M. D. Klein at X6950.

A circular black and white stamp. The outer ring contains numbers 1 through 31, representing days of the month. The inner part of the stamp contains the text "RECEIVED RECORDS CENTER" in a bold, sans-serif font. Above this text, the date "AUG 12" is stamped. To the left of the date, there is a small arrow pointing towards the center. To the right of the date, the time "10:11" is stamped.

Orig. and 1 cc - S. R. Grace

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IN REPLY TO RFP CC NO:

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**MEETING MINUTES FOR OU 2
SUBSURFACE IM/IRA WITH DOE, EPA AND CDH
AUGUST 11, 1993 NOON
EPA REGION VIII OFFICES**

PARTICIPANTS:

**Scott Grace - DOE/ERD
Joe Schieffelin - CDH
Gary Kleeman - EPA
Tom Greengard - EG&G
Annette Primrose - EG&G
Eric Dille - EG&G
Michael Klein - EG&G**

1. OU 2 Miscellaneous Items

CDH gave approval for Technical Memorandum (TM) 8 - Revised Bedrock Work Plan. The EPA requested that more of the risk language be taken out of the TM. Specifically, the last sentence in each of the first two paragraphs should be deleted. This will be done and additional risk language will be removed.

Approval was requested for the Addendum to TM 8 - Contingency Plan. EPA did not have a copy of this TM. It was faxed over during the meeting and a copy will also be delivered this week.

The status of the bedrock field program was stated as follows:

- all drilling has been completed
- the B series well will be sampled next week
- Slug testing has not been completed for the B series well and several others.

2. Subsurface IM/IRA Implementation and Operation Plan

Tentative delivery of the implementation and operation plan is several weeks away. The agencies were asked if they would prefer to wait and have the plan modified as information is gathered on the free product found recently, or have the plan sent as is to be modified at a later date. They both would prefer receiving the plan now, and modifying it as needed.

3. Identification of Non Aqueous Phase Liquids (NAPLs) at IHSS 110

Drilling for the soil vapor extraction test 1 began on schedule on August 9, 1993. NAPLs were encountered at a depth of approximately 10 feet in the first pressure monitoring bore hole. Drilling immediately stopped, a sample was taken for analysis, and the bore hole was offset 5 feet to the north. This pressure monitoring bore hole was completed without encountering additional free product. This has had an impact on the program including a schedule impact of two days to sample and offset the well. Additional impacts discussed include:

- The mobile soil vapor extraction pilot unit may need to be reconfigured to better address the new site conditions.
- If there is a significant liquid product in other wells, this will cause problems with the testing.
- Results of the analysis or additional information obtained during drilling may indicate that the location for test one should be changed.
- The free product may need to be quickly remediated as per Office of Solid Waste Emergency Response (OSWER) directives No. 9283.1-06. This may require a different remediation technique other than soil vapor extraction.

It was agreed to fax the results of the analysis of the soil sample saturated with NAPL and the analysis of the free produce to EPA and CDH when these are available. The analytical results are expected to be received in approximately two weeks. Until then, drilling and other construction activities will continue. When results are received, the data will be evaluated and an agreement will be reached on any schedule extension that may be necessary. A commitment was made to evaluate the data and make recommendations for alternative methods or system modifications that might be necessary, based on the analytical results.

4. Location of Test Site 1 (IHSS 110 vs IHSS 111.1)

The change in location from the pilot test plan site designation of Individual Hazardous Substance Site (IHSS) 111.1 to 110 has been documented in the subsurface Implementation and Operation Plan.

5. Preliminary Results of the Soil Gas Survey

Preliminary maps and results of the soil gas survey of IHSS 110, 903 Pad and the Mound were presented. An overview of the detailed surveys was also presented. CDH suggested that the 1986-1987 soil vapor data should be used. In OU 1, this data closely correlated with the area of known groundwater contamination. Perhaps this will help identify contamination at the Mound and 903 Pad.

OTHER ITEMS

Joe Schieffelin and Gary Kleeman briefly discussed the stop work request for risk assessments that has been signed by CDH and will be signed by EPA. This will impact OUs 1-7.

Joe Schieffelin also stated that TM 5 - Exposure Scenarios will need to be rewritten based on the guidance to come from the agencies. Therefore, no further comments will be received for this TM until after the guidance is formulated.